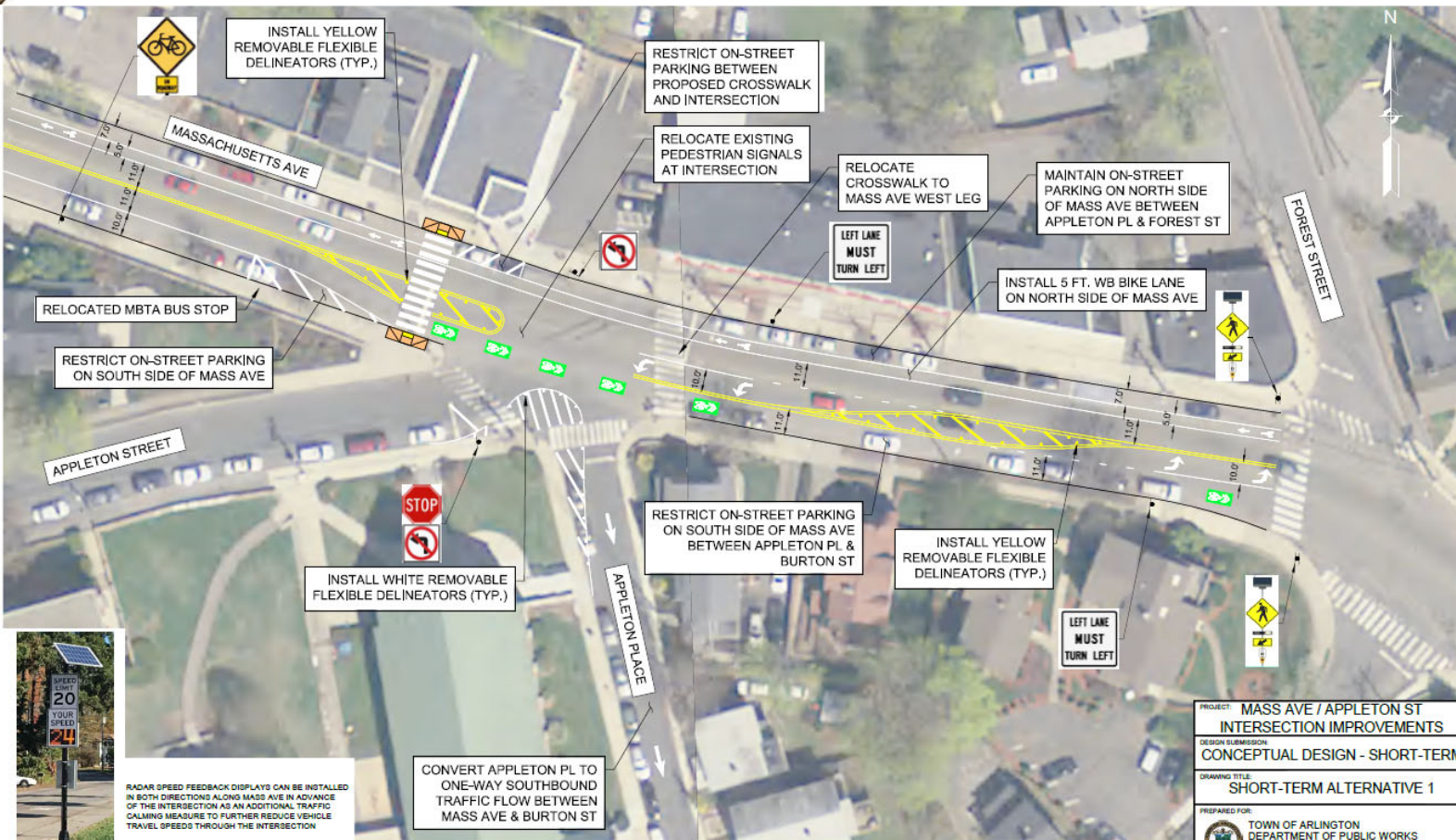




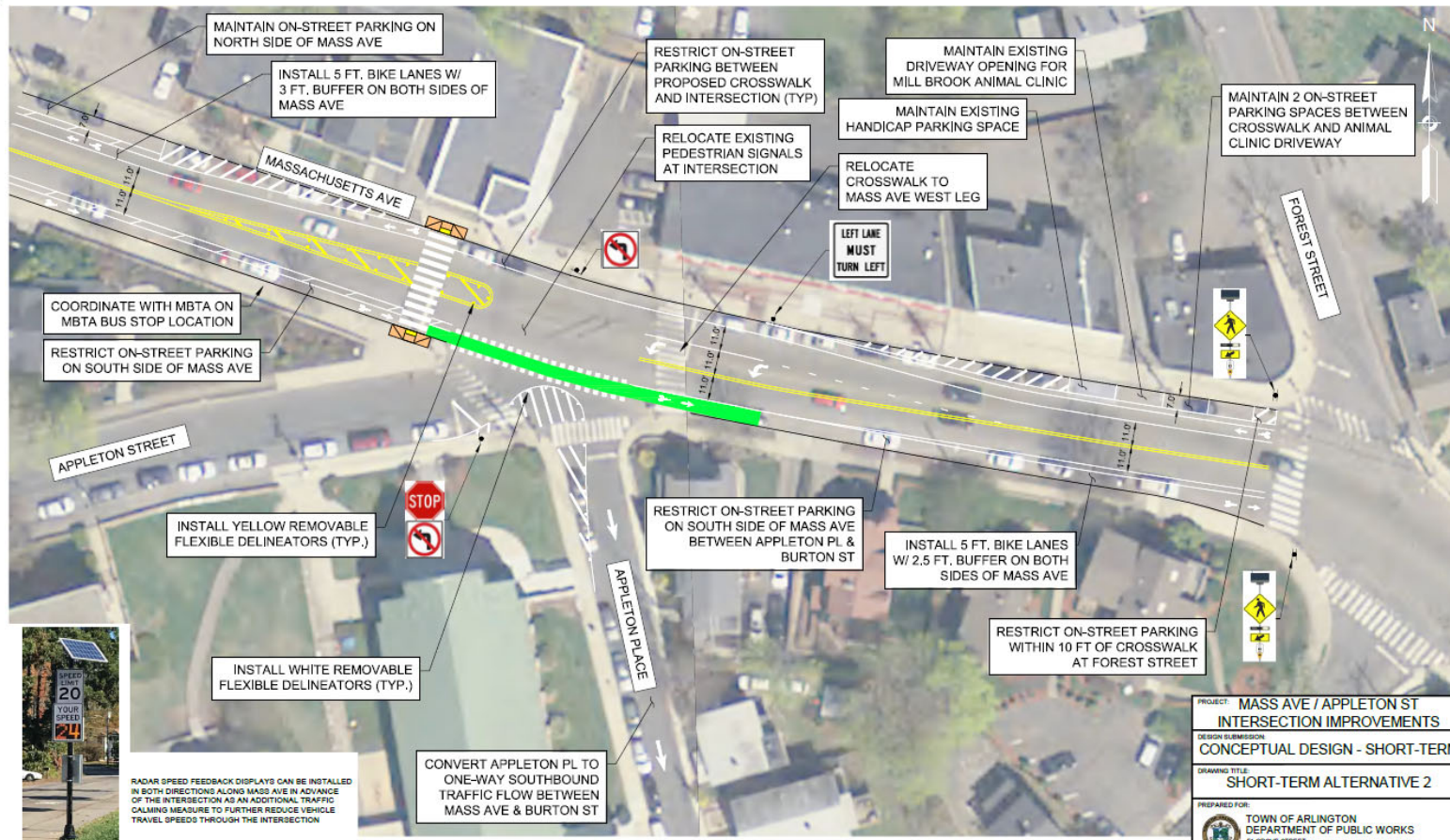
## Town of Arlington Massachusetts Avenue / Appleton Street Intersection Improvements



Pros		Cons	
<ul style="list-style-type: none"> <li>Places bikes in center of EB travel lane in more visible location for WB left-turns</li> <li>Maintains on-street parking on north side</li> <li>Exclusive left-turn lanes at Appleton St and Forest St</li> <li>WB bike lane on Mass Ave</li> </ul>	<ul style="list-style-type: none"> <li>Shorter ped. crossings</li> <li>Slower vehicle speeds for Mass Ave WB left-turns</li> <li>Tighter intersection, more defined turning movements</li> <li>Ped crossing improvements at Forest St</li> </ul>	<ul style="list-style-type: none"> <li>No on-road space designated for EB bikes</li> <li>Restricts on-street parking on south side</li> <li>Impacts to MBTA bus stop west of Appleton St</li> </ul>	<ul style="list-style-type: none"> <li>Solar glare still limits visibility of EB through vehicles and bicyclists for WB left-turns</li> <li>Conflict between WB bus stop and WB bike lane</li> </ul>



## Town of Arlington Massachusetts Avenue / Appleton Street Intersection Improvements



### Pros

- Separates vehicles and bikes on Mass Ave
- Partially fills existing gap in bike lanes on Mass Ave
- Exclusive left-turn lane at Appleton St
- High visibility EB bike crossing
- Shorter ped. crossings
- Slower vehicle speeds for Mass Ave WB left-turns
- Tighter intersection, more defined turning movements
- Ped crossing improvements at Forest St

### Cons

- Restricts on-street parking on south side
- Impacts to on-street parking on north side
- Potential relocation of MBTA bus stop west of Appleton St
- Solar glare still limits visibility of EB through vehicles/bicyclists for WB left-turns
- Cannot provide left-turn lane at Forest St without eliminating on-street parking on north side





## APPLETON PLACE – ONE-WAY TRAFFIC FLOW

One-Way Northbound		One-Way Southbound	
Pros	Cons	Pros	Cons
<ul style="list-style-type: none"><li>• Does not relocate vehicles exiting Appleton Pl onto Mass Ave to Burton St where sight distance is a concern</li><li>• Eliminates one potential conflict between WB left-turn and EB through vehicle</li><li>• Eliminates one potential “right-hook” conflict between EB right-turn vehicle and EB through bicyclist</li></ul>	<ul style="list-style-type: none"><li>• Conflicts still exist between traffic exiting Appleton Pl and traffic along Mass Ave</li><li>• Conditions for exiting traffic will be more difficult after installing WB left-turn lane</li><li>• Access to Church from Mass Ave is restricted</li><li>• Difficulty accessing handicap parking space serving Church on west side of Appleton Pl</li></ul>	<ul style="list-style-type: none"><li>• Maintains access to Church from Mass Ave</li><li>• Maintains convenient access to handicap parking space serving Church on west side of Appleton Pl</li><li>• Eliminates conflicts within intersection between traffic exiting Appleton Pl and traffic along Mass Ave</li></ul>	<ul style="list-style-type: none"><li>• Adds vehicles to Burton St exiting onto Mass Ave where sight distance is a concern</li><li>• Solar glare still limits visibility of EB through vehicles/bicyclists for WB left-turns</li><li>• Potential “right-hook” conflict between EB right-turn vehicle and EB through bicyclist still exists in Short-Term Alternative 2 (bike lanes)</li></ul>



## ON-STREET PARKING CONSIDERATIONS – BIKE LANES

North Side between Richardson Ave & Burton St/Forest St	South Side between Richardson Ave & Burton St/Forest St
<ul style="list-style-type: none"><li>• Arlington Auto Brokers Used Car Dealer (limited off-street parking)</li><li>• Leader Bank</li><li>• Businesses at Locke Place (main entrances along sidewalk adjacent to on-street parking)</li><li>• Mill Brook Animal Clinic (off-street parking in back of building)</li><li>• Amy's Salon (off-street parking in back of building)</li><li>• Brite Whites Laundromat (off-street parking in back of building)</li></ul>	<ul style="list-style-type: none"><li>• Dunkin Donuts (off-street parking is provided)</li><li>• Menotomy Court Apartments (off-street parking is provided)</li><li>• The Children's Room (no off-street parking)</li><li>• Various residential buildings</li></ul>

**\* Implementing bike lanes on both sides of Mass Ave will result in restricting on-street parking on one side**